

WHAT IS CLAIMED IS:

1. A method for coating at least a portion of at least one medical device, comprising:
directing a laser at a target, the target including a drug and a polymer;
vaporizing by the laser at least a portion of the target into a vapor cone; and
arranging the at least one medical device in the vapor cone.
2. The method of claim 1, further comprising dissolving the drug and the polymer in a solvent to prepare a target solution, the target solution forming the target.
3. The method of claim 2, further comprising filtering the target solution.
4. The method of claim 2, further comprising:
freezing the target solution to make the target; and
mounting the target on a refrigerated rotating assembly.
5. The method of claim 2, further comprising:
arranging in a container the target solution in a liquid state to make the target;
and
mixing the target solution to maintain a uniform solution of the drug and the polymer in the solvent.
6. The method of claim 5, wherein the mixing of the target solution is performed by a stirrer in the container.
7. The method of claim 5, wherein the mixing of the target solution is performed by a sonicator in the container.
8. The method of claim 2, further comprising:
enclosing the target and the at least one medical device in an evaporation chamber; and
removing by a pump the solvent from the evaporation chamber after the vaporizing operation.

9. The method of claim 1, further comprising, after the vaporizing operation, directing a gas flow to transport the drug and the polymer to the at least one medical device.
10. The method of claim 9, wherein the gas flow includes an inert gas.
11. The method of claim 1, wherein the at least one medical device includes at least one stent.
12. The method of claim 1, wherein the laser includes a UV laser.
13. The method of claim 1, wherein the laser is pulsed.
14. The method of claim 1, further comprising directing at least one of the laser and a second laser at a second target, the second target including at least one of a second drug and a second polymer, the at least one of the laser and the second laser vaporizing the second target into the vapor cone.
15. A medical device having a coating applied by a method, the method comprising:
directing a laser at a target, the target including a drug and a polymer;
vaporizing by the laser at least a portion of the target into a vapor cone; and
arranging the medical device in the vapor cone.
16. The medical device of claim 15, wherein the method further comprises dissolving the drug and the polymer in a solvent to prepare a target solution, the target solution forming the target.
17. The medical device of claim 15, wherein the method further comprises: arranging
in a container the target solution in a liquid state to make the target; and
mixing the target solution to maintain a uniform solution of the drug and the polymer in the solvent.
18. The medical device of claim 17, wherein the mixing of the target solution is performed by a stirrer in the container.

19. The medical device of claim 17, wherein the mixing of the target solution is performed by a sonicator in the container.
20. The medical device of claim 15, wherein the method further comprises:
 - enclosing the target and the at least one medical device in an evaporation chamber; and
 - removing by a pump the solvent from the evaporation chamber after the vaporizing operation.
21. The medical device of claim 15, wherein the medical device includes at least one stent.
22. The medical device of claim 15, wherein the coating includes a masking material.
23. The medical device of claim 15, wherein the coating is chosen from a group consisting of a polymer with a suspended drug, a non-thrombogenic agent, a lubricious material, a non-slippery material, a radioactive agent, and a magnetic signature.
24. The medical device of claim 15, wherein the coating is a radiopaque agent.